STORAGE TANKS

	YES	NO
1. Are the tanks and piping free of rust and leaks?	_____	_____
2. Are the tank supports in good condition?	_____	_____
3. Is the tank structure in good condition?	_____	_____
4. Is the paint (white or light reflective color) in good condition?	_____	_____
5. Are **"Anhydrous Ammonia"** labels (minimum of 4) on at least 2 sides of each tank or group of tanks?	_____	_____
6. Are **"Inhalation Hazard"** labels (minimum of 2") on at least 2 sides of each tank or group of tanks?	_____	_____
7. Is dealers name, address and telephone number to contact in an emergency on display (must be in at least 2" lettering)?	_____	_____
8. Is the plant locked during non-business hours?	_____	_____
A. Main valves locked?	_____	_____
B. Hose end valves locked?	_____	_____
9. Are the storage tanks at least 1000 feet from the nearest public assembly area?	_____	_____
10. Are the storage tanks at least 50 feet from petroleum storage containers?	_____	_____
11. Does the container have a manufacturer's name plate showing it is a code container?	_____	_____
12. Are the liquid and vapor valves labeled as such, or color coded? (red/orange for liquid and yellow for vapor)	_____	_____
13. Are all hoses within their current service life?	_____	_____
14. Are the hoses marked for anhydrous ammonia use?	_____	_____
15. Are the hoses in good condition; free from cuts, soft spots or bulges, blistering, kinking, flattening, or indications that the hose may have been stretched, or damaged at the coupling?	_____	_____
16. Does the storage tank have an operational pressure indicating gauge?	_____	_____

STORAGE TANKS (cont'd)

17. Are automatic back-check valves installed? _____ _____

18. Are pressure relief valves installed and within five years of the manufacture date? _____ _____

19. Are relief valves installed at correct height? _____ _____

20. Are rain caps on pressure relief valves in place? _____ _____

21. Does the tank have an operational pressure indicating gauge? _____ _____

22. Does the tank have an operational fixed liquid level float gauge? _____ _____

23. Is piping ASME schedule 80 (threaded) or ASME schedule 40 (welded)? _____ _____

24. Is piping protected from vehicular damage? _____ _____

25. Does the storage tank have an operational percentage fill gauge? _____ _____

26. Are only approved NH_3 valves installed? _____ _____

27. Safety water container of sufficient size (50 gal) to immerse an employee body or drench shower available? _____ _____

28. Full face gas mask with a current ammonia canister or a self-contained breathing apparatus available? _____ _____

29. Rubber protective gloves available? _____ _____

30. Rubber protective boots available? _____ _____

31. Rubber protective rain suit, including both pants and coat, available? _____ _____

32. Flexible fitting, splash proof pair of goggles available? _____ _____

33. Does the storage facility have a valve suitable for venting ammonia from transfer hoses into water? _____ _____

STORAGE TANKS (cont'd)

SAFE HANDLING STANDARDS FROM ANSI, DOT, EPA, OSHA

Emergency shut off valve with manually activated shutoff from a remote location and at the installed location.

Release Protection Devices (break away couplings) on risers to prevent the uncontrolled release of anhydrous ammonia at loading stations.

Transfer Instructions posted

First Aid Procedures posted

NURSE TANKS

	YES	NO
1. Are the containers, valves, and gauges free of rust and leaks?	_____	_____
2. Are **"Anhydrous Ammonia"** labels (minimum 4") on all 4 sides (exception: 3 sides for front fill tanks) in place?	_____	_____
3. Are **"Inhalation Hazard"** labels (minimum of 2") on right and left sides in place?	_____	_____
4. Are **1005 Placards** on all 4 sides (exception: 3 sides for front fill tanks)?	_____	_____
5. Is the tank identification number evident?	_____	_____
6. Is the tank structure in good condition?	_____	_____
7. Is the paint in good condition?	_____	_____
8. Does the tank have the dealers name, address and phone number (recommend 2" lettering)?	_____	_____
9. Are tires safe and in good operating condition?	_____	_____
10. Does the tank have an operational fixed liquid level float gauge?	_____	_____
11. Does the tank have an operational pressure indicating gauge?	_____	_____
12. Is the filling connection fitted with an approved combination back-pressure check valve and excess-flow valve or an internal excess flow valve?	_____	_____
13. Does the tank have an approved vapor return valve?	_____	_____
14. Does the tank have acme caps on vapor and liquid valves when not in use?	_____	_____

NURSE TANKS (cont'd)

15. Are hoses within the service life? _____ _____

16. Are the hoses in good condition; free from cuts, soft spots or bulges, blistering, kinking, flattening, or indications that the hose may have been stretched, or damaged at the coupling? _____ _____

17. Are the liquid and vapor valves labeled as such, or color coded? (red/orange for liquid and yellow for vapor) _____ _____

18. Is there a functional pressure relief valve, with a rain cap? _____ _____

19. Is the pressure relief valve rusty or in need of replacement? _____ _____

20. Have means to secure both ends of the hose during transit to prevent damage to either hose or connections been installed? _____ _____

22. Has a decal been applied with the safety information detailed in the Anhydrous Ammonia Safety Rules section 4-10-6(d)(2)? _____ _____

23. Is the tongue of the trailer straight and in good condition? _____ _____

24. Are adequate safety chains utilized any time the tank is in transit? _____ _____

25. Is a five gallon container of fresh clean water attached to the nurse tank? Does it have one pair of safety goggles and one pair of rubber gloves? _____ _____

26. Are any tanks parked within 50 feet of public streets? _____ _____

27. Are people engaged in handling anhydrous ammonia wearing appropriate safety equipment? _____ _____

28. Is an adequate area allocated for parking nurse tanks assigned to this location? _____ _____

NURSE TANKS (cont'd)

SAFE HANDLING STANDARDS FROM ANSI, DOT, EPA, OSHA

Emergency shut off valve with manually activated shutoff from a remote location and at the installed location.

Release Protection Devices (break away couplings) on risers to prevent the uncontrolled release of anhydrous ammonia at loading stations.

Transfer Instructions posted

First Aid Procedures posted

Slow-moving vehicle emblem (if tank will be in transit at 25 mph or less)

APPLICATOR TANKS

	YES	NO
1. Is the tank free of rust and leaks?	_____	_____
2. Is the paint in good condition?	_____	_____
3. Are **"Anhydrous Ammonia"** labels (minimum 4") on all 4 sides? (Exception: no label required on the area occupied by valves and gauges)	_____	_____
4. Are **"Inhalation Hazard"** labels (min 2") affixed on 2 sides?	_____	_____
5. Is an identification number or letter evident?	_____	_____
6. Does the tank have the dealers name, address and phone number? (We recommend 2" lettering be used)	_____	_____
7. Has a decal been applied with the safety information detailed in Colorado Anhydrous Ammonia Safety Rule 9 (d)(2)(a)-(k)?	_____	_____
8. Is the filling connection fitted with either an approved combination back pressure check valve or a positive shut off valve?	_____	_____
9. Does the tank have an operational pressure indicating gauge?	_____	_____
10. Does the tank have an operational liquid level float gauge?	_____	_____
11. Does liquid level gauge indicate product? (Vehicles used for application of anhydrous ammonia shall not be used for the transportation of the product on roads or highways).	_____	_____
12. Is a five gallon container of fresh clean water made available to each user? Does it have one pair of safety goggles and one pair of rubber gloves?	_____	_____
13. Are the anhydrous ammonia hoses on the applicator tool bar free from cuts, soft sports or bulges, blistering, kinking, flattening, or slippage at the coupling?	_____	_____
14. Has the applicator tool bar been equipped with a breakaway coupler?	_____	_____
15. Has the breakaway coupler been properly maintained?	_____	_____